Revised October 1, 1992

Conference Title:

"Inhibition of Matrix Metalloproteinases: Therapeutic Potential.

Shading = confirmed speaker/attendance/topic

Detailed program

Arrival - Wednesday, January 19, 1994

Welcoming reception - 7:00 PM - 10:00 PM

Day One - Thursday, January 20, 1994

8:30 Introduction and welcome: Robert Greenwald

Session A: Overview
Chair: Constance Brinckerhoff

8:45 - Keynote address: Clinical Importance of MMPs and Inhibitors
Dr. Stephen Krane, Regius Professor, Harvard

9:15 - The Family of MMPs - Fred Woessner, Univ of Miami

9:45 - Structure-function relations in MMPs - Harold Van Wart, Syntex

10:15 - 10:45 - break

10:45 - Regulation of MMP Activity - Gillian Murphy, Strangeways

11:15 - Regulation of MMP Expression - Lynn Matrisian, Vanderbilt

11:45 - General discussion

12:00 - 1:20 - lunch break

Source: https://www.industrydocuments.ucsf.edu/docs/xqfb0000

Session B: TIMP - Mechanisms and Applications
Chair: Gillian Murphy

1:20 - Induction of TIMP - Chris Overall, Vancouver

1:40 - Expression of TIMP - A.J. Docherty, CellTech, UK

2:00 - Mechanism of TIMP-MMP Interaction - MJ Banda, USC

2:20 - Variants on TIMP and TIMP Activation - T. Cawston, Cambridge UK

2:40 - 3:10 - break

3:10 - Dental applications of TIMPs - H Birkedahl-Hansen, Alabama

3:30 - TIMP Localization in Joints - Mike Lark, MSD

3:50 - General discussion

4:45 - 6:45 - POSTER SESSION/Reception (cocktails)

6:45 - adjourn - End of day 1

Day Two - Friday, January 21, 1994

Session C: Tetracyclines - Dental
Chair: Lorne Golub

8:00 - Review of Tetracycline MMP Inhibition - Lorne Golub

8:45 - Salivary/GCF collagenase - Timo Sorsa, Univ of Helsinki

9:05 - Clinical experience - adult periodontitis -
Seb Ciancio, Buffalo

9:25 - Diagnostic accuracy of collagenase in periodontitis -
C. McCullough, Toronto

9:45 - Bone resorption - Barry Rifkin, NYU Dental School

10:05 - discussion

10:30 - 11:00 break

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Session C - Tetracyclines - Medical
Chair: Robert Greenwald

11:00 - Review of the field - arthritis studies - R. Greenwald

11:30 - Osteoarthritis models - Kenneth Brandt, Univ of Indiana

11:50 - Application of peptide-based MMP Inhibitors in Corneal Ulceration - RD Gray, Louisville KY

12:10 - lunch

Session D - MMPs and Inhibitors in Cancer/Metastasis
Chair: James Quigley, Stony Brook

1:15 - Overview - James Quigley

1:30 - TIMP2 in Cancer - Lance Liotta, NIH

1:50 - TIMP Inhibition of Metastasis - Yves DeClerck, Univ So Cal

2:10 - TIMP in Tumor Progression - a structure-function approach - David Denhardt, Rutgers

2:30 - Anthracycline inhibition of MMPs - ME Maragoudakis, Greece

2:50 - 3:15 - break

3:15 - Monitoring Metastasis by Assay of MMPs and MMP-Inhibitor Complexes: Effects of Tetracyclines - Stan Zucker, Stony Brook

3:45 - Inhibition of Angiogenesis/Neoplasia by Tetracyclines - Henry Brem, Hopkins

4:15 - General discussion

5:00 - dinner break

7:30 - Round Table Discussion -

Design of clinical trials for study of MMP inhibitors

Greenwald, Golub, Krane, Sorsa, Brandt, Brem, Liotta, Docherty, etc.

End of Day 2

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Day 3 - Saturday, January 22, 1994

Session E: Selected papers from abstracts
Chair: Robert Greenwald

six 10-minute papers

8:30 - 10:00 AM

10:00 - 10:30 - break

Session F: Other Inhibitors
To be named

10:30 - Oxidative regulation of neutrophil MMP activity -
Margret Vissers, Christchurch School of Medicine

10:45 - α2-macroglobulin - Hideaki Nagase, Univ Kansas

11:00 - Effect of MMPs on elastase inhibitors - Sandy Simon, Stony Brook

11;15 - Low molecular weight inhibitors in corneal ulceration
RE Galardy, Glycomed

11:30 - Monoclonal antibodies to human 92kDa gelatinase -
Deborah French, Stony Brook

11:45 - Retinoids - Constance Brinckerhoff, Dartmouth

12:00 - General discussion

12:45 - adjourn - end of conference

7:00 PM [optional] - end of conference banquet

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